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Section	Forms

Blackmer, A Dover Company,
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DECLARATION OF CONFORMITY

As defined by the ATEX directive 94/9/EC

Herewith we declare that all Blackmer LB and HD compressor product lines to which this declaration relates are in conformity with the provisions of the ATEX Directive 94/9/EC as of 01 July 2003. This equipment is a reciprocating compressor for liquefied gas transfer or gas compression applications. This device is not intended to act as a safety accessory.

Applied Harmonized Standards:
EN1127-1, EN13463-1

Date: 28 June 2010
Thomas Madden,
Vice President and General Manager

DECLARATION OF INCORPORATION

As defined by the Machinery Directive 98/37/EC

Herewith we declare that all Blackmer LB and HD compressor product lines to which this declaration relates are in conformity with the provisions of the Machinery Directive, 98/37/EC Annex IIA as of 01 July 2003. The above equipment is a reciprocating compressor designed for liquefied gas transfer or gas compression applications. This device is not intended to act as a safety accessory.

This component must not be operated until the machine into which it is incorporated has been declared in conformity with the provision of the directive.

Applied Harmonized Standards:
EN1012-1, EN292

Date: 28 June 2010
Thomas Madden,
Vice President and General Manager

ATEX/ Machinery Directive Notifications:

Maximum Surface Temperature: An ATEX compliant temperature switch **must** be installed if the compressor is used in an ATEX zone. It is the end users responsibility to ensure the compressor does not exceed the temperature limits for the relevant ATEX zone. Closed inlet or outlet valves can result in excess compressor surface temperature conditions.

Intended Use: Blackmer compressors are intended for use in liquefied gas transfer or gas compression applications. The compressor must be operated in systems, with gasses and at conditions for which it is specifically designed and sized.

Possible Misuse Warning: The compressor must only be installed in systems designed for its intended use.

Mechanical Ignition Sources: Guards, intended to protect from personal injury from rotating components, must be fabricated from ATEX compliant materials to prevent a potential ignition source. The compressor and its drive system must be properly grounded to prevent electrostatic discharge. The compressor has internal parts that rub together. These parts require proper viscosity lubricant to lubricate the rubbing surfaces. Compressor must be properly maintained and lubricated, see IOM (Installation, Operation, & Maintenance Instructions) for service information.

Sound Measurements: Sound Levels for gas compression equipment vary greatly, depending on operating conditions, piping system design, foundation design, etc. You can expect the following sound levels when operating a Blackmer compressor at its' maximum rated speed and discharge pressure. Sound levels are measured at 1 meter from the compressor and 1.6 meters from the foundation per European Machinery Directive 98/37/EC. Maximum Noise Level: 85 dba

Equipment Marking: All compressor models are classified Group II category 2, Gas Group IIB and have a temperature limit of 176 °C. Compressors are marked "Ex II 2 G IIB 176 °C MAX "

Compressor Models Covered: LB, HD